AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

1. (Canceled)

2. (Previously Presented) The method according to claim 5, further comprising utilizing the circuit switched call to provide one or more conversational bearers.

3. (Previously Presented) The method according to claim 2, further comprising utilizing the packet switched session to provide non-conversational bearers established over said IP based packet switched network.

4. (Previously Presented) The method according to claim 5 wherein, at least one of the peer user terminals is a dual mode mobile terminal capable of using both said packet switched and circuit switched access networks.

5. (Currently Amended) A method of setting up a session between first and second peer user terminals of a communication system, said session extending at least in part across a circuit switched access network, the method comprising the steps of:

establishing a packet switched session between the peer user terminals via an Internet Protocol, IP, based packet switched access network using a call control protocol which is also used for setting up end-to-end packet switched sessions, wherein the step of establishing a packet switched session includes utilizing the Session Initiation Protocol, SIP, between at least one of the peer user terminals and a SIP server of an IP Multimedia Core Network Subsystem (IMS);

receiving a session initiation request at the SIP server, said session initiation request including a circuit switched telephone number and requesting establishment of at least one circuit switched conversational bearer;

associating the packet switched session with [[a]] the circuit switched telephone number; and

the SIP server notifying a gateway server of the request to establish the circuit switched conversational bearer; and

the gateway server setting up a circuit switched call between the peer user terminals in parallel with the packet switched session.

6.   (Canceled)

7.   (Currently Amended) The method according to claim 6 claim 5, wherein said SIP server and said gateway server are co-located.

8.   (Currently Amended) The method according to claim 6 claim 5, wherein the gateway server provides interworking between the circuit switched call and the packet switched session.

9.   (Previously Presented) The method according to claim 8, wherein following notification from the SIP server, the gateway server notifies said at least one of the peer user terminals of a callback telephone number, and the peer user terminal calls that number to initiate the circuit switched call with the gateway server.

10.   (Previously Presented) The method according to claim 9, wherein at least one peer user terminal is notified of the callback number via the SIP server.

11.   (Previously Presented) The method according to claim 10, wherein the gateway server maps the established circuit switched call to the packet switched session based on the used callback number.

12. (Previously Presented) The method according to claim 9, wherein the gateway server selects the callback number from a pool of available callback numbers.

13. (Previously Presented) The method according to claim 5, further comprising determining by the SIP server that said session requires setting up a circuit switched call as a result of one or more of the following:

properties of the system known to the SIP server;

prior notification by at least one of the peer user terminals;

information contained in the SIP signaling initiating the session;

properties defined for the peer user terminal;

prior notification from a visited network if a peer user terminal is roaming; and

prior notification from the packet switched access network used by the peer user terminal.

14. (Canceled)

15. (Canceled)

16. (Currently Amended) A Session Initiation Protocol server for use in an Internet Protocol, IP, Multimedia Core Network Subsystem, the server comprising:

means for receiving an INVITE request from a user terminal, over an IP based packet switched domain, initiating a packet switched session;

means for determining that the packet switched session requires setting up of at least one circuit switched conversational bearer; and

means for causing the at least one circuit switched conversational bearer to be set up in parallel with the packet switched session.

17. (Previously Presented) A gateway server for providing an interface between a circuit switched access network and a packet switched network, the gateway server having an interface towards a Session Initiation Protocol, SIP, server of an

Internet Protocol, IP, Multimedia Core Network Subsystem, said gateway server comprising:

means for receiving from the SIP server, signaling instructing the setting up of a circuit switched call over the circuit switched access network with a user terminal; and

means for setting up the circuit switched call in parallel with a packet switched session.

18.   (Canceled)

19.   (Canceled)

20.   (Currently Amended)   The SIP server of Claim 16, further comprising means for notifying a gateway server upon determining that the at least one circuit switched conversational bearer in the circuit switched domain is required and causing said gateway server to provide a call-back number to said user terminal.

21.   (Currently Amended) The gateway server of Claim 17, further comprising means for providing said user terminal with a call-back number for said user terminal to call to initiate [[a]] the circuit switched call with said gateway server.